

Land Subsidence Rate in the Gila Bend Area, Southwestern Maricopa County  
Based on Envisat Satellite Interferometric Synthetic Aperture Radar (InSAR) Data  
Time Period of Analysis: 4.0 Years 02/26/2006 To 03/06/2010

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#### Explanation

02/26/2006 To 03/06/2010

#### Land Subsidence Rate

Decorrelation/No Data
Greater 7 cm/yr (2.8 in/yr)
5 - 7 cm/yr (2.0 - 2.8 in/yr)
3 - 5 cm/yr (1.2 - 2.0 in/yr)
2 - 3 cm/yr (0.8 - 1.2 in/yr)
1 - 2 cm/yr (0.4 - 0.8 in/yr)
0.5 - 1 cm/yr (0.2 - 0.4 in/yr)
0 - 0.5 cm/yr (0 - 0.2 in/yr)

Subsidence Feature

Hardrock

#### Highways and Interstates

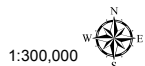
Interstate

US

State

Roads

Railway



1:300,000

Decorrelation (white areas) are areas where the phase of the received satellite signal changed between satellite passes, causing the data to be unusable. This occurs in areas where the land surface has been disturbed (i.e. bodies of water, snow, agriculture areas, areas of development, etc).

Coordinate System: NAD 1983 UTM Zone 12N  
Projection: Transverse Mercator  
Datum: North American 1983  
Units: Meter  
Created: 11/25/2014

